



United States Air Force

**Scientific Advisory Board**

# *Prof. Nancy G. Leveson*

*Massachusetts Institute of Technology*



## **EDUCATION:**

University of California, Los Angeles  
Ph.D., Computer Science, 1980  
M.S., Operations Research (Management), 1967  
B.A., Mathematics, 1965

## **WORK EXPERIENCE:**

Massachusetts Institute of Technology, Cambridge, MA  
Professor, Aeronautics and Astronautics, 1999-Present  
Jerome C. Hunsaker Visiting Professor, Aeronautics and Astronautics, 1988-1999  
University of Washington, Seattle, WA  
Boeing Professor, Computer Science and Engineering, 1993-1999  
University of California, Irvine  
Professor, Information and Computer Science, 1990-1993  
Associate Professor, Information and Computer Science, 1985-1990  
Massachusetts Institute of Technology, Cambridge, MA  
Visiting Professor, Laboratory for Computer Science, 1988-1989  
University of California, Irvine  
Assistant Professor, Information and Computer Science, 1980-1985  
University of California, Los Angeles  
Teaching Associate, Computer Science Department, 1976-1979  
International Consulting, Travel, Teaching, Study, 1970-1975  
IBM - Systems Engineer, 1967-1970

## **AREAS OF EXPERTISE:**

Computer science, software engineering, system engineering, system safety engineering, software safety, software reliability, software requirements, embedded systems, human-machine interaction

## **PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:**

National Academy of Engineering, NRC Commission on Engineering and Technical Systems, ACM, IEEE  
Computer Society, Computing Research Association

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